

06/26/01  
U.S. PTO

6-28-01

A

# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new non-provisional applications under 37CFR§1.53(b))

Attorney Docket No. TAL/7146.119

First Inventor or Application Identifier Ching-Wei Chang

Title ERROR DIFFUSION HALFTONING SYSTEM

Express Mail Label No. EL915421786US

JC997 U.S. PRO  
09/892332  
06/26/01

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

Assistant Commissioner for Patents  
ADDRESS TO: Box Patent Application  
Washington, D.C. 20231

1. <input checked="" type="checkbox"/> *Fee Transmittal Form (e.g. PTO/SB/17) <i>(Submit an original and a duplicate for fee processing)</i>	7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table, or Computer Program (Appendix)
2. <input type="checkbox"/> Applicant claims small entity status See 37 C.F.R. 1.27	8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
3. <input checked="" type="checkbox"/> Specification [Total pages 18]	a. <input type="checkbox"/> Computer Readable Form (CRF)
(preferred arrangement set forth below)	
- Descriptive Title of the Invention	
- Cross References to Related Applications	
- Statement Regarding Federally Sponsored R&D	
- Reference to sequence listing, a table or a computer program listing	
- Background of the Invention	
- Brief Summary of the Invention	
- Brief Description of the Drawings (if filed)	
- Detailed Description	
- Claim(s)	
- Abstract of the Disclosure	
4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Pages 4]	11. <input type="checkbox"/> English translation document (if applicable)
5. Oath or Declaration [Total Pages 2]	12. <input type="checkbox"/> Information Disclosure Statement (IDS) /PTO <input type="checkbox"/> Copies of IDS Citations
a. <input checked="" type="checkbox"/> Newly executed (original or copy)	13. <input type="checkbox"/> Preliminary Amendment
b. <input type="checkbox"/> Copy from a prior application (37 C.F.R. §1.63(d)) <i>(for continuation/divisional with Box 17 completed)</i>	14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(should be specifically itemized)</i>
i. <input type="checkbox"/> <u>Deletion of Inventor(s)</u> Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§1.53(d)(2) and 1.33(b)	15. <input type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i>
6. <input type="checkbox"/> Application Data Sheet. See 37 C.F.R. 1.76	16. <input type="checkbox"/> Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i) Applicant must attach form PTO/SB/35 or its equivalent.
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 C.F.R. 1.76.	
<input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP)    of prior application No.: _____	

Prior application information: Examiner \_\_\_\_\_ Group No./Art Unit \_\_\_\_\_

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 17. CORRESPONDENCE ADDRESS

Customer Number or Bar Code Label (Insert customer number or attach bar code label here) or  Correspondence address below

Name Timothy A. Long

Address Chernoff, Vilhauer, McClung & Stenzel, LLP, 1600 ODS Tower, 601 S.W. Second Avenue

City Portland State OR Zip Code 97204-3157

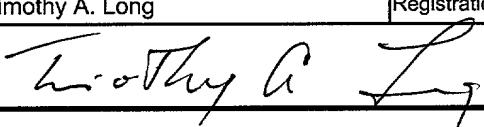
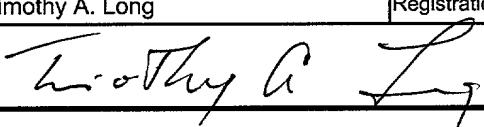
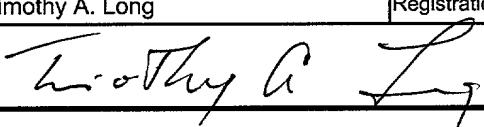
Country USA Telephone (503) 227-5631 FAX (503) 228-4373

Name (print/ type) Timothy A. Long Registration No. (Attorney/Agent) 28,876

Signature *Timothy A. Long* Date 06/26/01

# FEE TRANSMITTAL for FY 2001

*Patent fees are subject to annual revision.*

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<b>METHOD OF PAYMENT</b> (check one)				<b>FEE CALCULATION (continued)</b>																																																																																																																																																																																																																						
1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge the indicated fees and credit any over payments to: Deposit Account Number 03-1550 Deposit Account Name Chernoff Vilhauer McClung & Stenzel <input checked="" type="checkbox"/> Charge any additional fee required under 37 CFR 1.16 & 1.17				<b>3. ADDITIONAL FEES</b> <table border="0" style="width: 100%;"> <thead> <tr> <th style="width: 20%;">Large Entity</th> <th style="width: 20%;">Small Entity</th> <th style="width: 60%;"></th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td></td><td>65 Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>127</td><td>50</td><td>227</td><td></td><td>25 Surcharge-late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>139</td><td>130</td><td>139</td><td></td><td>130 Non-English specification</td><td></td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td></td><td>2,520 For filing a request for reexamination</td><td></td></tr> <tr><td>112</td><td>920*</td><td>112</td><td></td><td>920* Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>113</td><td>1840*</td><td>113</td><td></td><td>1840* Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>115</td><td>110</td><td>215</td><td></td><td>55 Extension for reply within first month</td><td></td></tr> <tr><td>116</td><td>390</td><td>216</td><td></td><td>195 Extension for reply within second month</td><td></td></tr> <tr><td>117</td><td>890</td><td>217</td><td></td><td>445 Extension for reply within third month</td><td></td></tr> <tr><td>118</td><td>1,390</td><td>218</td><td></td><td>695 Extension for reply within fourth month</td><td></td></tr> <tr><td>128</td><td>1,890</td><td>228</td><td></td><td>945 Extension for reply within fifth month</td><td></td></tr> <tr><td>119</td><td>310</td><td>219</td><td></td><td>155 Notice of Appeal</td><td></td></tr> <tr><td>120</td><td>310</td><td>220</td><td></td><td>155 Filing a brief in support of an appeal</td><td></td></tr> <tr><td>121</td><td>270</td><td>221</td><td></td><td>135 Request for oral hearing</td><td></td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td></td><td>1,510 Petition to institute a public use proceeding</td><td></td></tr> <tr><td>140</td><td>110</td><td>240</td><td></td><td>55 Petition to revive - unavoidable</td><td></td></tr> <tr><td>141</td><td>1,240</td><td>241</td><td></td><td>620 Petition to revive - unintentional</td><td></td></tr> <tr><td>142</td><td>1,240</td><td>242</td><td></td><td>620 Utility issue fee (or reissue)</td><td></td></tr> <tr><td>143</td><td>440</td><td>243</td><td></td><td>220 Design issue fee</td><td></td></tr> <tr><td>144</td><td>600</td><td>244</td><td></td><td>300 Plant issue fee</td><td></td></tr> <tr><td>122</td><td>130</td><td>122</td><td></td><td>130 Petitions to the Commissioner</td><td></td></tr> <tr><td>123</td><td>50</td><td>123</td><td></td><td>50 Petitions related to provisional applications</td><td></td></tr> <tr><td>126</td><td>240</td><td>126</td><td></td><td>240 Submission of Information Disclosure Statement</td><td></td></tr> <tr><td>581</td><td>40</td><td>581</td><td></td><td>40 Recording each patent assignment per property (times number of properties)</td><td>40</td></tr> <tr><td>146</td><td>710</td><td>246</td><td></td><td>355 Filing a submission after final rejection (37 C.F.R. 1.129(a))</td><td></td></tr> <tr><td>149</td><td>710</td><td>249</td><td></td><td>355 For each additional invention to be examined (37 C.F.R. 1.129(b))</td><td></td></tr> <tr><td>169</td><td>900</td><td>169</td><td></td><td>900 Request for Expedited Examination of a Design Application</td><td></td></tr> <tr> <td colspan="4"></td> <td colspan="2">Other (specify)</td> <td colspan="2"></td> </tr> <tr> <td colspan="4"></td> <td colspan="2">Reduced by Basic Filing Fee Paid</td> <td colspan="2">SUBTOTAL (3) \$40</td> </tr> <tr> <td colspan="8" style="text-align: center;"> <b>SUBMITTED BY</b> <span style="float: right;">Complete (if applicable)</span> </td> </tr> <tr> <td colspan="2">Name (print type)</td> <td colspan="2">Timothy A. Long</td> <td>Registration No.</td> <td>28,876</td> <td>Telephone</td> <td>(503) 227-5631</td> </tr> <tr> <td colspan="2">Signature</td> <td colspan="2">  </td> <td>Date</td> <td colspan="3">June 26, 2001</td> </tr> </tbody> </table>				Large Entity	Small Entity		Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid	105	130	205		65 Surcharge - late filing fee or oath		127	50	227		25 Surcharge-late provisional filing fee or cover sheet		139	130	139		130 Non-English specification		147	2,520	147		2,520 For filing a request for reexamination		112	920*	112		920* Requesting publication of SIR prior to Examiner action		113	1840*	113		1840* Requesting publication of SIR after Examiner action		115	110	215		55 Extension for reply within first month		116	390	216		195 Extension for reply within second month		117	890	217		445 Extension for reply within third month		118	1,390	218		695 Extension for reply within fourth month		128	1,890	228		945 Extension for reply within fifth month		119	310	219		155 Notice of Appeal		120	310	220		155 Filing a brief in support of an appeal		121	270	221		135 Request for oral hearing		138	1,510	138		1,510 Petition to institute a public use proceeding		140	110	240		55 Petition to revive - unavoidable		141	1,240	241		620 Petition to revive - unintentional		142	1,240	242		620 Utility issue fee (or reissue)		143	440	243		220 Design issue fee		144	600	244		300 Plant issue fee		122	130	122		130 Petitions to the Commissioner		123	50	123		50 Petitions related to provisional applications		126	240	126		240 Submission of Information Disclosure Statement		581	40	581		40 Recording each patent assignment per property (times number of properties)	40	146	710	246		355 Filing a submission after final rejection (37 C.F.R. 1.129(a))		149	710	249		355 For each additional invention to be examined (37 C.F.R. 1.129(b))		169	900	169		900 Request for Expedited Examination of a Design Application						Other (specify)								Reduced by Basic Filing Fee Paid		SUBTOTAL (3) \$40		<b>SUBMITTED BY</b> <span style="float: right;">Complete (if applicable)</span>								Name (print type)		Timothy A. 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CERTIFICATE OF MAILING

BY "EXPRESS MAIL"

Express Mail No.: EL915421786US

Date of Deposit: June 26, 2001

Title: ERROR DIFFUSION HALFTONING SYSTEM

Applicant: Ching-Wei Chang

I hereby certify that a Utility Patent Application, including Specification (18 pages), with: (1) Fee Transmittal (in duplicate); (2) Utility Patent Application Transmittal; (3) Declaration; (4) Assignment, together with Recordal Cover Sheet; (5) Power of Attorney; (6) 4 sheets of drawings (FIGs. 1-5), (7) Certificate Under 37 CFR §3.73(b); (8) check in the sum of \$866 for the filing and recordation fees; and (9) acknowledgment postcard, are being deposited with the United States Postal Service "Express Mail to Addressee" on the date indicated above and is addressed to: Assistant Commissioner of Patents, Box New Application, Washington, D.C. 20231.

  
Cristie March